ii) a [perforated] protective liner;

iii) adhering means disposed between said front surface of said [perforated transparent] panel and said [perforated] protective liner for removably adhering said [perforated transparent] panel to said [perforated] protective liner [so] such that said [perforated] protective liner can be peeled off from said [perforated transparent] panel to permit application of said [perforated transparent] panel to a substantially clear substrate;

wherein said panel, said adhering means, and said protective liner are simultaneously perforated to define a plurality of through holes arranged in a staggered array, the adhered-together perforated said transparent panel and perforated said protective liner forming said perforated panel assembly; and

b) [said rear surface of said perforated transparent panel having applied thereon] a first coating of light-reflective color bearing an image applied on the rear surface of said perforated transparent panel followed by a second coating of an opaque color sufficiently dark [for absorbing] to be light absorbing,

wherein[:

i)] said perforated panel assembly appears somewhat [substantially] transparent when viewed from a first direction; and

[ii)] said image is [clearly] visible when said perforated panel assembly is viewed from a second, opposite direction. [; and

c) a non perforated backing layer removably attached to said perforated protective liner, wherein said non perforated backing layer being effective to facilitate handling of said perforated panel assembly.]

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2. (Amended) A one way vision display panel assembly according to claim 1, further including a non perforated backing layer attached to said perforated

protective liner, [which includes a non perforated mirror film layer disposed between said perforated protective liner and said ono perforated backing layer.]

3. (Amended) A one way vision display panel assembly according to claim 1, wherein said through-holes are arranged in a hole pattern to provide an open area in a range of about 38% to 70%. [wherein said non perforated backing layer comprises mirror film material.]

4. (Amended) A one way vision display panel assembly according to claim 1, wherein[:

a)] a pattern of through-holes is defined in said [the] perforated panel assembly, [is provided with through-holes of a] said holes having a substantially uniform hole size in a range of about 0.001" to 1.0" and being arranged in a staggered hole pattern. [; and

b) said through-holes are arranged in a staggered hole pattern to provide an open area in a range of about [40%] 38% to 70% and to permit the perforated panel assembly to conform to [compound] curved surfaces of a clear substrate without wrinkling].

5. (Further amended) A one way vision display panel assembly according to claim [57] 1, wherein said adhering means is selected from a group consisting of (i) a layer of transfer adhesive material, (ii) a static cling property associated with material comprising said transparent panel, (iii) a light absorbing adhering means, and (iv) a layer of dark opaque adhesive material. [comprises a layer of perforated transfer adhesive material].

7. A one way vision display panel assembly according to claim 1, wherein said perforated transparent panel has ultra violet (UV) protective properties.

9. (Amended) A one way vision display panel assembly according to claim 1, wherein said first coating and second coating[s] comprise individual panels.

11. (Amended) A one way vision display panel assembly according to claim 1, wherein said first coating is useable as a screen upon which [functions as a screen for receiving] at least one image may be projected for viewing [one or more projected images].

12. (Amended) A one way vision display panel assembly according to claim 1, wherein said [image further comprises] first coating includes at least one means selected from a group consisting of (i) optical means for providing a three dimensional optical effect, (ii) a hologram, and (iii) a lenticular lens.

22. A method of forming a one way viewing display panel, comprising the following steps:

(a) selecting a sheet of material sufficiently flexible to conform to a curved surface, said sheet having a first surface, a second surface, and a thickness therebetween, wherein said material need not be transparent to light;

(b) causing said first surface of said sheet to be light-reflective;

(c) causing said second surface of said sheet to be light absorbing; and

(d) perforating simultaneously said first surface, said thickness, and said second surface of said sheet to define a plurality of substantially uniform-sized holes arranged in a hole pattern such that area of said holes is at least 38% area of at least a portion of said viewing display panel;

wherein any image subsequently displayed on said first surface is visible to an observer viewing said display panel from said first surface, and an observer viewing said display panel from said second surface can see through said holes.

23. The method of claim 22, wherein step (d) includes perforating to form said pattern as a staggered hole pattern.

24. The method of claim 22, wherein step (a) includes selecting a material from a group consisting of (i) plastic, (ii) poly-vinyl chloride, (iii) an optically opaque material, (iv) an optically transparent material, and (v) an optically translucent material.

25. The method of claim 22, wherein:

step (b) includes attaching a first panel of light reflective material to said first surface; and

step (d) includes perforating simultaneously said first panel.

B7 Contd

26. The method of claim 25, wherein said first panel is attached to said first surface using a method selected from a group consisting of (i) adhesive bonding, (ii) heat lamination, and (iii) co-extrusion.

27. The method of claim 22, wherein:

step (b) includes coating said first surface with at least one layer selected from a group consisting of (i) light reflective material, and (ii) and light colored paint;

step (d) includes perforating simultaneously said layer.

28. The method of claim 22, wherein:

step (c) includes attaching a second panel of light absorbing material to said first surface; and

step (d) includes perforating simultaneously said second panel.

29. The method of claim 28, wherein said second panel is attached to said second surface using a method selected from a group consisting of (i) adhesive bonding, (ii) heat lamination, and (iii) co-extrusion.

30. The method of claim 22, wherein:

step (c) includes coating said second surface with at least one layer selected from a group consisting of (i) light absorbing material, and (ii) dark colored paint; and

step (d) includes perforating simultaneously said layer.

B7 Cont'd

31. The method of claim 22, wherein step (d) includes forming said uniform-sized holes to have a dimension in a range of about 0.001" to 1.0".

32. A one way viewing display panel, comprising:

a sheet of material sufficiently flexible to conform to a curved surface, said sheet having a first surface, a second surface, and a thickness therebetween, wherein said material need not be transparent to light;

means for causing said first surface of said sheet to be light-reflective; and

means for causing said second surface of said sheet to be light absorbing; and

wherein said first surface, said thickness, and said second surface of said sheet are perforated simultaneously to define a plurality of substantially uniform-sized holes arranged in a hole pattern such that area of said holes is at least 38% area of said viewing display panel;

wherein any image subsequently displayed on said first surface is visible to an observer viewing said display panel from said first surface, and an observer viewing said display panel from said second surface can see through said holes.

33. The display panel of claim 32, wherein said hole pattern is a staggered hole pattern.

34. The display panel of claim 32, wherein said sheet includes a material selected from a group consisting of (i) plastic, (ii) poly-vinyl chloride, (iii) an optically opaque material, (iv) an optically transparent material, and (v) an optically translucent material.

B7 cont'd

35. The display panel of claim 32, wherein said sheet has a shape selected from a group consisting of (i) rectangular, (ii) square, (iii) hexagon, and (iv) circular.

36. The display panel of claim 32, further including:

attaching a first panel of light reflective material to said first surface; wherein said first panel is perforated simultaneously with said first surface.

37. The display panel of claim 36, wherein said first panel is attached to said first surface using at least one bonding selected from a group consisting of (i) adhesive bonding, (ii) heat lamination, and (iii) co-extrusion.

38. The display panel of claim 36, further including:

at least one layer coating formed on said first surface, said layer selected from a group consisting of (i) light reflective material, and (ii) and light colored paint; wherein said layer is perforated simultaneously with said first surface.

39. The display panel of claim 32, further including:

a second panel of light absorbing material attached to said first surface; wherein said second panel is perforated simultaneously with said first surface.

40. The display panel of claim 39, wherein said second panel is attached to said second surface with a bonding selected from a group consisting of (i) adhesive bonding, (ii) heat lamination, and (iii) co-extrusion.

41. The display panel of claim 32, further including:

a coating of at least one layer formed on said second surface, said layer selected from a group consisting of (i) light absorbing material, and (ii) dark colored paint;

wherein said coating is perforated simultaneously with said second surface.

42. The display panel of claim 32, wherein said uniform-sized holes have a dimension in a range of about 0.001" to 1.0".

43. A method of forming a one way viewing display panel, comprising the following steps:

(a) selecting a sheet of optically transparent material sufficiently flexible to conform to a curved surface, said sheet having a first surface, a second surface, and a thickness therebetween;

(b) forming on said second surface an image viewable from said first surface through said thickness;

(c) forming over said image a layer of light-absorbing material;

(d) perforating simultaneously said first surface, said thickness, and said second surface of said sheet, said image, and said layer of light-absorbing material to define a plurality of substantially uniform-sized holes arranged in a hole pattern such that area of said holes is at least 38% area of at least a portion of said viewing display panel;

wherein said image is visible to an observer viewing said display panel from said first surface, and an observer viewing said display panel from said second surface can see through said holes.

44. The method of claim 43, wherein step (d) includes perforating to form said pattern as a staggered hole pattern.

B7 Cont'd

45. The method of claim 43, wherein step (a) includes selecting a material from a group consisting of (i) plastic, and (ii) poly-vinyl chloride.

46. The method of claim 43, wherein step (c) includes attaching said layer to said image using a method selected from a group consisting of (i) adhesive bonding, (ii) heat lamination, and (iii) co-extrusion.

47. The method of claim 43, wherein:

at step (c), said image is coated with a layer of light absorbing material that includes dark colored paint; wherein step (d) includes perforating simultaneously said dark colored paint.

48. The method of claim 43, wherein:

step (c) includes forming intermediate said image and said layer of light-absorbing material a layer of light reflective material; and

step (d) includes perforating simultaneously said layer of light reflective material.

49. The method of claim 43, wherein step (d) includes forming said uniform-sized holes to have a dimension in a range of about 0.001" to 1.0".

50. A one way viewing display panel, comprising:

a sheet of optically transparent material sufficiently flexible to conform to a curved surface, said sheet having a first surface, a second surface, and a thickness therebetween;

an image, formed on said second surface so as to be viewable from said first surface through said thickness;

a layer of light-absorbing material, overlying said image;

a plurality of substantially uniform-sized holes perforating simultaneously said first surface, said thickness, and said second surface of said sheet, said image, and said layer of light-absorbing material arranged in a hole pattern such that area of said holes is at least 38% area of at least a portion of said viewing display panel;

wherein said image is visible to an observer viewing said display panel from said first surface, and an observer viewing said display panel from said second surface can see through said holes.

51. The one way viewing display panel of claim 50, wherein said hole pattern is a staggered hole pattern.

52. The one way viewing display panel of claim 50, wherein said uniform-sized holes have a dimension in a range of about 0.001" to 1.0".

53. The one way viewing display panel of claim 50, wherein said material is selected from a group consisting of (i) plastic, and (ii) poly-vinyl chloride.

54. The one way viewing display panel of claim 50, wherein said layer of light-absorbing material is attached to said image using a method selected from a

group consisting of (i) adhesive bonding, (ii) heat lamination, and (iii) co-extrusion.

55. The one way viewing display panel of claim 50, wherein said layer of light absorbing material includes dark colored paint; wherein said dark colored paint is perforated simultaneously with said image.

56. The one way viewing display panel of claim 50, further including:

a layer of light reflective material disposed intermediate said image and said layer of light-absorbing material; wherein said layer of light reflective material is perforated simultaneously with said image.

57. A one way viewing display panel, comprising:

a sheet of light absorbing plastic material sufficiently flexible to conform to a curved surface, said sheet having a first surface and a second surface and a thickness therebetween;

a sheet of light reflective plastic material sufficiently flexible to confirm to a curved surface, said sheet having a first surface and a second surface and a thickness therebetween;

means for joining said second surface of said light absorbing plastic material to said second surface of said light reflective material;

wherein said first surface and said thickness and said second surface of said sheet of light reflective plastic material, said means for joining, and said second surface and said thickness and said first surface of said sheet of light absorbing plastic are perforated simultaneously to define a plurality of substantially uniform-sized holes arranged in a hole pattern such that area of said holes is at least 38% area of at least a portion of said viewing display panel;

wherein any image subsequently displayed on said first surface of said sheet of light reflective of plastic is visible to an observer viewing said display panel from

said first surface, and an observer viewing said display panel from said first surface of said sheet of light absorbing plastic can see through said holes.

58. The one way viewing display panel of claim 57, wherein said hole pattern is a staggered hole pattern.

59. The one way viewing display panel of claim 57, wherein said uniform-sized holes have a dimension in a range of about 0.001" to 1.0".

60. The one way viewing display panel of claim 57, wherein said means for joining includes a joining selected from a group consist of (i) adhesive bonding, (ii) heat lamination, and (iii) co-extrusion.

61. The one way viewing display panel of claim 57, wherein:
said light reflective of plastic is substantially white in color; and
said light absorbing plastic is substantially black in color.

62. A method of forming a one way viewing display panel, comprising the following steps:

(a) selecting a sheet of light absorbing plastic material sufficiently flexible to conform to a curved surface, said sheet having a first surface and a second surface and a thickness there between;

(b) selecting a sheet of light reflective plastic material sufficiently flexible to confirm to a curved surface, said sheet having a first surface and a second surface and a thickness therebetween;

(c) joining said second surface of said light absorbing plastic material to said second surface of said light reflective material; and

(d) perforating simultaneously said first surface and said thickness and said second surface of said sheet of light reflective plastic material, and said second

surface and said thickness and said first surface of said sheet of light absorbing plastic do define a plurality of substantially uniform-sized holes arranged in a hole pattern such that area of said holes is at least 38% area of at least a portion of said viewing display panel;

wherein any image subsequently displayed on said first surface of said sheet of light reflective of plastic is visible to an observer viewing said display panel from said first surface, and an observer viewing said display panel from said first surface of said sheet of light absorbing plastic can see through said holes.

63. The method of claim 62, further including at least one of:

step (a) includes selecting a substantially black colored plastic material, and

step (b) includes selecting a substantially white colored plastic material.

64. The method of claim 62, wherein step (c) is carried out using at least one joining technique selected from a group consisting of (i) adhesive bonding, (ii) heat lamination, and (iii) co-extrusion.

65. The method of claim 62, wherein step (d) includes forming said hole pattern as a staggered hole pattern.

66. The method of claim 62, wherein step (d) includes perforating to form uniform-sized said holes having a dimension in a range of about 0.001" to 1.0".

67. A one way vision display panel assembly, comprising:

a perforated panel assembly including:

a panel formed of a flexible transparent material having a first surface and a second surface and a thickness therebetween;

a protective liner adjacent said first surface;

wherein said panel and said protective liner are simultaneously perforated to define a plurality of through holes arranged in a staggered array, to form said perforated panel assembly; and

a first coating of light-reflective color bearing an image applied on said second surface of said perforated panel assembly followed by a second coating of an opaque light absorbing material.

68. The one way vision display panel of claim 67, further including a non perforated backing layer removably attached to said protective liner.

69. The one way vision display panel of claim 67, wherein said holes are formed with a substantially uniform hole size in a range of about 0.001" to 1.0".

70. The one way vision display panel of claim 67, wherein said holes define an area at least 38% of an area of at least a portion of said panel area.

REMARKS

The re-examination application and claims 1-21 were examined and rejected. At ¶1 of the Office Action, the reissue Declaration is stated to be defective, and at ¶2, claims 1-21 are rejected as being based upon a defective Declaration. Submitted herewith is a 20 March 2000 Supplemental Declaration of Gregory E. Ross, which addresses the declaration defects noted by the Examiner.

Addressing ¶3 of the Office Action, undersigned patent counsel is in possession of the original Letters Patent 5,609,938 (Shields) and will surrender same upon indication of allowable subject matter in the reissue claims. Addressing ¶4, a PTO